

Total No. of Printed Pages—4

**5 SEM TDC IWWW 4 (Sp)**

**2 0 1 4**

( November )

**COMMERCE**

**( Speciality )**

Course : 504

**( Internet and World Wide Web )**

Full Marks : 80

Pass Marks : 32

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. (a) Write the full form of the following :  $1 \times 4 = 4$

(i) W3C

(ii) OSIRM

(iii) TCP/IP

(iv) ISO

(b) Write True or False for the following :

$1 \times 4 = 4$

(i) [www.google.com](http://www.google.com) is a browsing software.

- (ii) <a href> tag is used to link one HTML page to another HTML page.
- (iii) SXL means Extensible Style Sheet language.
- (iv) HTTP means HyperText Transmission Protocol.

2. (a) What is e-mail? Explain briefly the mechanism of sending and receiving e-mail. 4
- (b) Define Protocol. Explain FTP and HTTP. 4
- (c) Explain Digital Signature and Digital Certificate. 4
- (d) Write briefly on cryptography. 4
3. (a) Define WWW. Discuss the origin and evolution of W3C and also describe IRC and FAQ. 2+6+3=11

Or

- (b) Define Web Page and Web Site. Discuss the tips for designing Web Pages for a Web Site. 4+7=11

4. (a) Explain different layers of OSI reference model. 11

Or

- (b) Explain different protocols of TCP/IP model and also write about remote login. 7+4=11



5. (a) Write short notes on the following :

4+4+4=12

- (i) Firewall
- (ii) Biometrics
- (iii) Computer Virus

Or

- (b) Write short notes on the following :

4+4+4=12

- (i) Encryption
- (ii) Network Security
- (iii) Payment Security

6. (a) What is a Search Engine? Explain two Search Engines available in Internet.

2+9=11

Or

- (b) Define Web Browser. Write basic functions of a Web Browser. Also write about Internet Explorer.

2+5+4=11

7. (a) While designing a Web Page, how to do the following in HTML?

3+3+3+2=11

- (i) Inserting a picture with particular length, breadth and border
- (ii) Text color should be pink
- (iii) One link to another page
- (iv) One list with five items

Or

(b) Write HTML tags for the following :

$$3+2+2+2=11$$

- (i) Ordered List and Unordered List
- (ii) Bold, Italic and Underline
- (iii) Superscript and Subscript
- (iv) Horizontal Line
- (v) Page Break and Header

★ ★ ★